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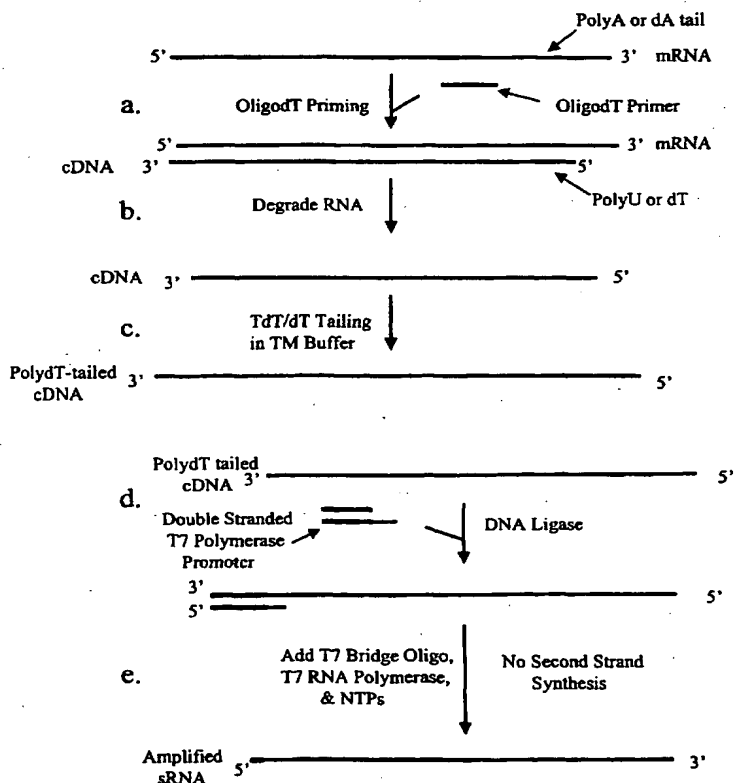
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MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
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FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,

[Continued on next page]

(54) Title: METHODS FOR AMPLIFICATION OF NUCLEIC ACID SEQUENCES USING STAGGERED LIGATION



(57) Abstract: Methods and kits are provided for producing sense RNA molecules. The sense RNA molecules can be used in various research and diagnostic applications, such as gene expression studies involving nucleic acid microarrays.



SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/14325

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C12Q 1/68; C12P 19/34

US CL : 435/6, 91.1, 91.2

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 435/6, 91.1, 91.2

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,194,370 A (BERNINGER et al.) 16 March 1993 (16.03.1993), Fig. 1 and column 6, lines 30-42.	35

A		1-34, 36-39
A	US 5,215,899 A (DATTAGUPTA) 01 June 1993 (01.06.1993).	1-39
A	US 6,338,954 B1 (GEMEN) 15 January 2002 (15.01.2002).	1-39

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Further documents are listed in the continuation of Box C.

☐

See patent family annex.

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INTERNATIONAL SEARCH REPORT

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Continuation of B. FIELDS SEARCHED Item 3:
USPAT, PGPUB, DERWENT WPI, MEDLINE, BIOSIS
search terms: anneal, promoter, cDNA, ligate, transcription